

Title (en)

Method and apparatus for printing on gelatin coated media

Title (de)

Verfahren und Vorrichtung zum Drucken auf mit Gelatine beschichteten Medien

Title (fr)

Méthode et dispositif pour imprimer sur des supports revêtus de gélatine

Publication

EP 0792747 A1 19970903 (EN)

Application

EP 96305300 A 19960719

Priority

US 60810696 A 19960228

Abstract (en)

The present invention is an ink jet printer (14) for providing high quality output images. The printer includes an ink ejection device (20) for ejecting ink onto a coated media (12). The coated media (12) has a surface layer (18) that has an ink absorption property that is temperature dependent. Also included is a heating device (21) for heating the coated media (12) to control the absorption of ink into the surface layer (18) of the coated media (12). <IMAGE>

IPC 1-7

B41J 2/17; B41M 5/00; B41J 2/01

IPC 8 full level

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CPC (source: EP US)

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B41M 5/5236 (2013.01 - EP US)

Citation (search report)

- [YA] EP 0445327 A1 19910911 - SCHOELLER FELIX JUN FOTO [DE] & US 5141599 A 19920825 - JAHN REINER [DE], et al
- [A] GB 2254585 A 19921014 - BROTHER IND LTD [JP]
- [A] EP 0600245 A1 19940608 - MITSUBISHI PAPER MILLS LTD [JP]
- [XAY] PATENT ABSTRACTS OF JAPAN vol. 10, no. 181 (M - 492) 25 June 1986 (1986-06-25)
- [A] PATENT ABSTRACTS OF JAPAN vol. 18, no. 620 (M - 1711) 25 November 1994 (1994-11-25)
- [A] PATENT ABSTRACTS OF JAPAN vol. 10, no. 381 (M - 547) 19 December 1986 (1986-12-19)
- [A] PATENT ABSTRACTS OF JAPAN vol. 06, no. 33 (M - 114) 27 February 1982 (1982-02-27)

Cited by

GB2324506A; US6090749A; GB2324506B; WO2007072417A3

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